

In the Specification



Page 22, line 14, change "utilized" to -- utilize --.

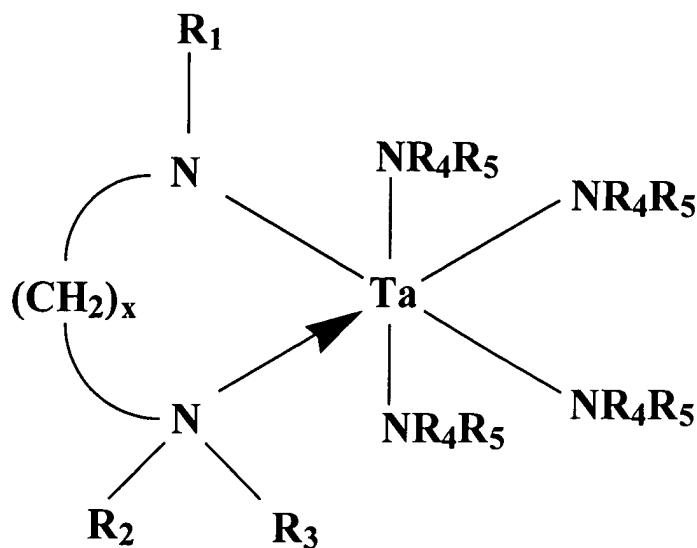
In the Claims

Cancel claims 5-15.

Amend claim 1, as follows:

1. (amended) A source reagent composition comprising at least one tantalum and/or titanium species selected from the group consisting of:

(i) tethered amine tantalum complexes of the formula:



wherein:

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x is 2 or 3;

each of R<sub>1</sub>-R<sub>5</sub> is independently selected from the group consisting of H, C<sub>1</sub>-C<sub>4</sub> alkyl, aryl, C<sub>1</sub>-C<sub>6</sub> perfluoroalkyl and trimethylsilyl;

(ii)  $\beta$ -diimines of the formula:



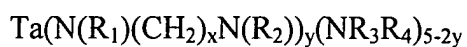
wherein:

G is a  $\beta$ -diimino ligand;

each Q is selected from the group consisting of H, C<sub>1</sub>-C<sub>6</sub> alkyl, aryl and C<sub>1</sub>-C<sub>6</sub> perfluoroalkyl; and

x is an integer from 1 to 4 inclusive;

(iii) tantalum diamide complexes of the formula



wherein:

x is 1 or 2;

y is 1 or 2;

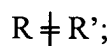
each of R<sub>1</sub>-R<sub>4</sub> is independently selected from the group consisting of H, C<sub>1</sub>-C<sub>4</sub> alkyl, aryl, perfluoroalkyl, and trimethylsilyl;

(iv) tantalum amide compounds of the formula

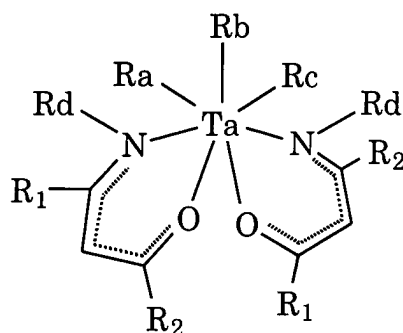


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wherein each R and R' is independently selected from the group consisting of H, C<sub>1</sub>-C<sub>4</sub> alkyl, phenyl, perfluoroalkyl, and trimethylsilyl, subject to the proviso that in each NRR' group,



(v)  $\beta$ -ketoimines of the formula



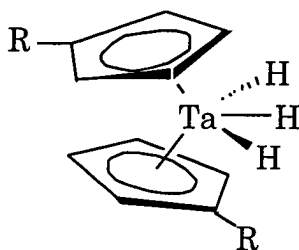
+T, 0360

a'

cont.

wherein each of R<sub>1</sub>, R<sub>2</sub>, R<sub>a</sub>, R<sub>b</sub>, R<sub>c</sub> and R<sub>d</sub> is independently selected from H, aryl, C<sub>1</sub>-C<sub>6</sub> alkyl, and C<sub>1</sub>-C<sub>6</sub> perfluoroalkyl; and

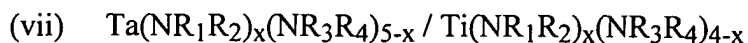
(vi) tantalum cyclopentadienyl compounds of the formula:



+T, 0361

wherein each R is [independently selected from the group consisting of H, methyl, ethyl, isopropyl, t-butyl, and] trimethylsilyl;

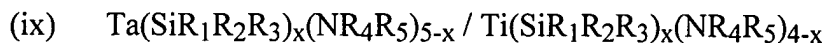
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where each of  $R_1$ ,  $R_2$ ,  $R_3$  and  $R_4$  are independently selected from the group consisting of H,  $C_1$ - $C_8$  alkyl, aryl,  $C_1$ - $C_8$  perfluoroalkyl or a silicon-containing group selected from the group consisting of silane, alkylsilane, perfluoroalkylsilyl, triarylsilane and alkylsilylsilane,  $x$  is from 0 to 5 in the tantalum compound and  $x$  is from 1 to 4 in the titanium compound, subject to the proviso that in the titanium compound, when  $R_1$  and  $R_2$  are each methyl, then  $R_3$  and  $R_4$  are not both propyl;



*a' cont*  
where each of  $R_1$ ,  $R_2$ , and  $R_3$  are independently selected from the group consisting of H,  $C_1$ - $C_8$  alkyl, aryl,  $C_1$ - $C_8$  perfluoroalkyl or a silicon-containing group selected from the group consisting of silane, alkylsilane, perfluoroalkylsilyl, triarylsilane and alkylsilylsilane;



where  $x$  is from 0 to 5 in the tantalum compound,  $x$  is from 1 to 4 in the titanium compound, each of  $R_{1-5}$  is independently selected from the group consisting of H, Me, Et,  $t$ Bu, Ph,  $i$ Pr,  $CF_3$ ,  $SiH_3$ ,  $SiMe_3$ ,  $Si(CF_3)_3$ ,  $Si(Et)_3$ ,  $Si(iPr)_3$ ,  $Si(tBu)_3$ ,  $Si(Ph)_3$ , and  $Si(SiMe_3)_x(Me)_{3-x}$  where  $x$  is from 0 to 3, and subject to the proviso that in the titanium compound, when  $R_4$  and  $R_5$  are each methyl, then  $R_1$ ,  $R_2$  and  $R_3$  are not all trimethylsilyl; and

